

# **GCCS AF NTxB v104**

## **System Packaging for the GCCS AF Enterprise Status Update**

**NT Advisory Group**  
**3 May 2001**

***Märzen Group LLC***  
*System Engineering and Consulting Services*



# **NTAG Enterprise Deployment Presentation**

- GCCS AF NTxB v1.0.4 Presentation Overview

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- Why GCCS AF Extended Baseline
- NTxB DII COE Segmentation Process
- NTxB Packaging Design Overview
- On-Going Enterprise Deployment Research
- Questions

# **NTAG Enterprise Deployment Presentation**

- Why GCCS AF NT Extended Baseline

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- Additional Functionality Required above Joint Baseline
- Enterprise Deployment Strategies Lacking in Joint Baseline
- Licensing of Products Required for AF Users
- Hardware Definition and Procurement for AF Users
- Security Needed for Applications, Beyond the Lockdown of the Operating System

# **NTAG Enterprise Deployment Presentation**

## **- GCCS AF NTxB V1.0.4 DII COE Segmentation Process**

- Step 1 – Define/Procure Hardware Suite and Make it Work with O/S
- Step 2 – Perform Abbreviated Segmentation Activities for New Apps
  - SDF Pre-Install Check Registry for Product Load
- Step 3 - Abbreviated Segments Submitted to ESC/CM for DII COE Compliance Testing Prior to Packaging NTxB V1.0.4 for
  - 24 January 01 - Delivery
    - Acrobat Reader 4.05c
    - WinZip 8.0
    - WS-FTP 6.0
  - 2 February 01 - Delivery
    - Card Wizard 5.2
    - Netscape Communicator 4.76
    - Office 2000 Professional
    - Diskeeper 6.6
  - 28 February 01 - Delivery
    - Norton Anti-Virus Corporate Edition 7.5
  - 9 March 01 - Delivery
    - C2PC 5.5.7.0 (C2PCAL, C2PCCL, C2PCGW, C2PCSH)
    - TBMD 5.5.7.0

# **NTAG Enterprise Deployment Presentation**

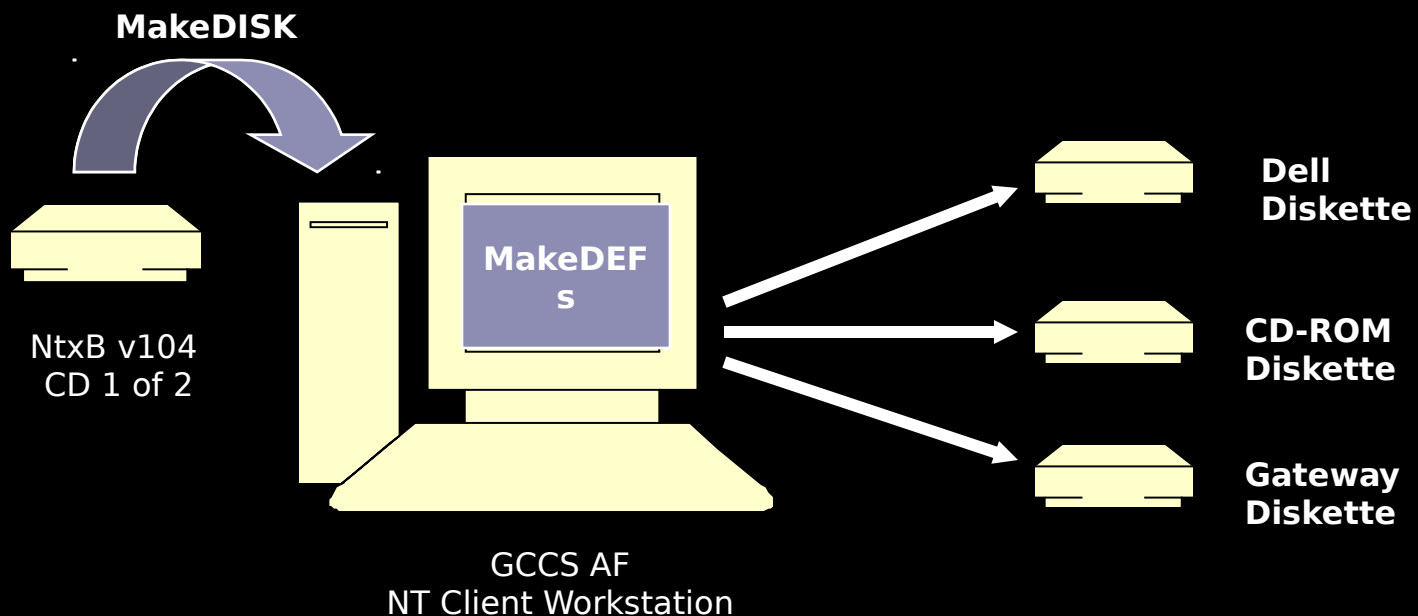
- GCCS AF NTxB V1.0.4 DII COE Segmentation Process

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- Step 4 – Integrate and Load System with Entire Applications Suite
- Step 5 – Perform a Snap with SysDiff Utility
- Step 6 – Load all the SDFs for each App
- Step 7 – Perform a Diff with SysDiff Utility
- Step 8 – Capture the Diff for Use by the Unattended Installation Scripts

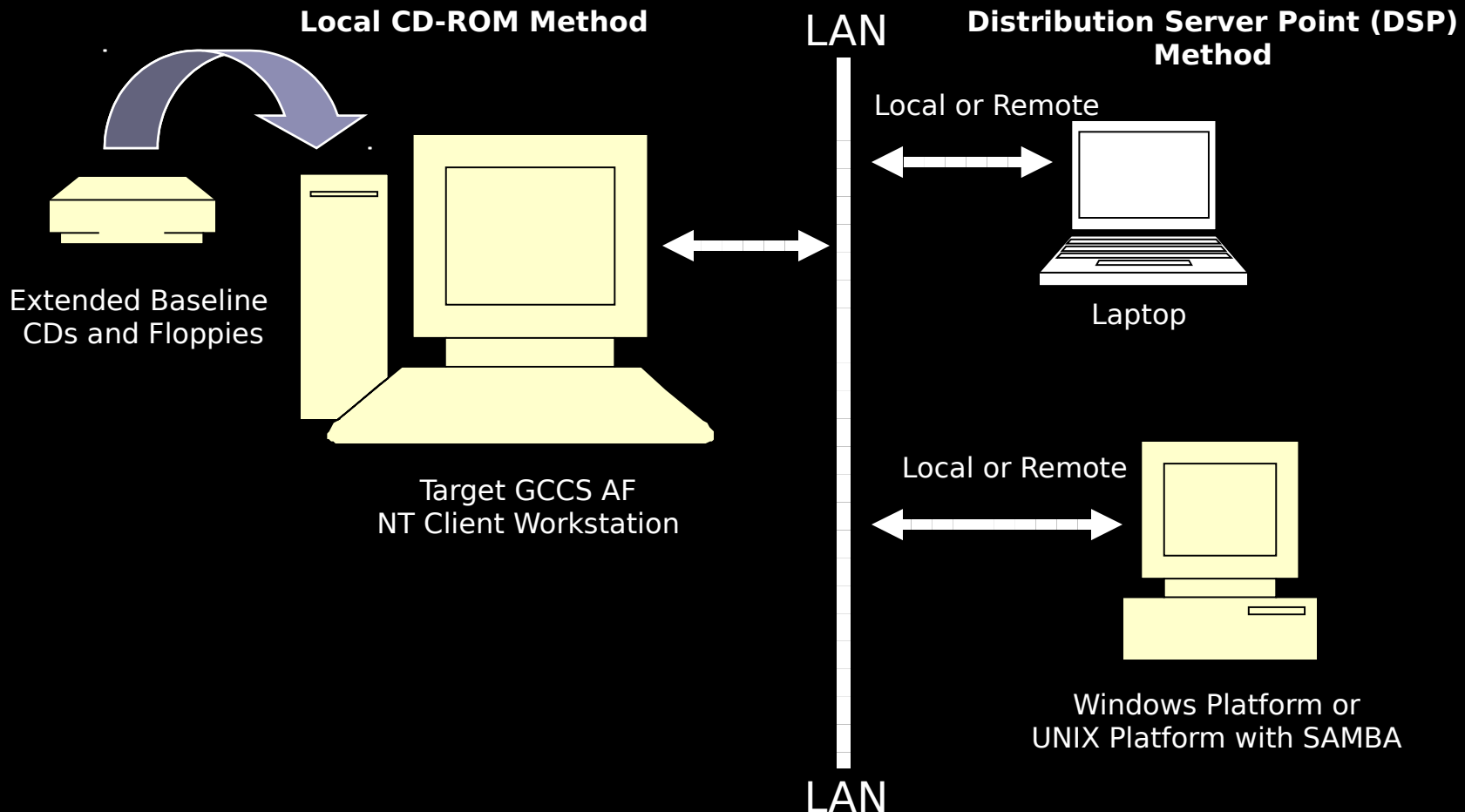
# GCCS AF NTxB v104 Overview

## - **CD ROM** Unattended Installation Block Diagram



# GCCS AF NTxB v104

## - Over-the Network Unattended Installation Block Diagram



# **GCCS AF NTxB v104**

## **- Segments and Applications Installation Types**

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### **■ Sysdiff Installs**

- Acrobat Reader 4.05c
- C2PC 5.5.7.0
- DMS 2.1.C.0
- Formflow 2.15
- Office 2000 Pro
- WSFTP 6.0
- Resource Kit S4
- MSMC and SCE plug-in
- DII COE SDFs
- WinZip 8.0
- MDAC 2.1

### **■ Scriptit Installs**

- AIMNT 1.02
- CMDS 3.1.5y
- Netscape 4.76
- Sound Cards
- Diskeeper 6.0
- Card Wizard 5.2
- Fortezza Driver
- Norton AV CE 7.5
- PCXWare 5.01d
- Intellipoint Mouse 2.2d
- DII COE 3402



# On-Going Enterprise Deployment Research

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## ■ Imaging

- Recently Approved by GCCS Security
- Product Evaluations
  - Norton Ghost 2001
  - Power Quest Dive Image Pro

## ■ Use of Network Administrative Tools

- Studies and Policy Still Being Formulated
- Products Being Considered
  - Microsoft System Management Services (SMS)
  - Tivoli
  - CA UniCenter

# Imaging Progress

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- Working with OEM Vendors for O/S Images for Just in Time Manufacturing
- Pluses
  - Quick Load (15 – 20 Minutes)
  - Minor Operator Intervention
  - Maintains Complete Configuration Management
- Minuses
  - Destructive Load
  - Image Library Maintenance and Storage
  - Changes of Anything Required New Image Distribution
    - Hardware New Image
    - Change Software New Image
  - Tailoring of Configuration Difficult from User Prospective

# Network Administrative Tools Progress

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- Non-Destructive
- Network Administration Policy is a DISA (DII COE and GCCS) Responsibility
  - 8 out of 9 AF MAJCOMS Using SMS
  - AFMC Backing Tivoli
- GCCS AF Becoming Familiar with Package Requirements for SMS
  - GCCS AF has purchases BackOffice CALS for Each Users
- Decision Will Be made in Next 3-6 Months

*Questions ?*

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